

## WHAT IS CLAIMED IS:

## 1. A reactor unit comprising:

5 a basket body which has one open face and which  
is made of a metal;

a plurality of reactor bodies which are  
accommodated in the basket body;

10 a lid body which is made of a metal, which  
closes an open end of the basket body, and in which  
outlet holes are formed; and

a mold resin which is a curable resin and with  
which the basket body is filled with a coil of each of  
the reactor bodies having been drawn out from a  
corresponding one of the outlet holes of the lid body,

15 wherein at least one partition, which is  
located between the reactor bodies and whose leading end  
extends from an inner face of at least one of the basket  
body and the lid body and abuts on an inner face of the  
other, is formed protrusively.

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## 2. The reactor unit according to claim 1, wherein

the partition is formed integrally with at  
least one of the basket body and the lid body.

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## 3. The reactor unit according to claim 1, wherein

the partition is so formed as to extend an  
entire depth of, as well as substantially across an  
entire width of, the basket body.

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## 4. The reactor unit according to claim 3, wherein

an opening through which the mold resin passes  
is formed in a certain part of the partition.

## 5. The reactor unit according to claim 4, wherein

the opening is formed in the vicinity of the inner face of the lid body.

5           6. The reactor unit according to claim 5, wherein  
the opening is a notch in which a wire for a temperature detector disposed in the basket body is located.

10           7. The reactor unit according to claim 1, wherein  
there is a gap between the partition and the reactor bodies while the mold resin is interposed therebetween.

15           8. The reactor unit according to claim 1, wherein  
there is no gap between the partition and the reactor bodies while the mold resin is interposed therebetween.